

Loc. J.L. 12112

Site:	Carter Carburetor
ID #:	MO000828601
Break:	Leak
Other:	Environmental
Operations:	4-3-95

ENVIRONMENTAL
OPERATIONS, INC.

ENVIRONMENTAL CONSULTING AND REMEDIATION

757 SOUTH SECOND STREET

ST. LOUIS, MO 63102-1617

314/436-0370

FAX 314/436-2900

April 3, 1995

Project #7807

Mr. Paul E. Doherty
Environmental Engineer
Emergency Planning and Response Branch
U.S. Environmental Protection Agency
Region VII Laboratory
25 Funston Road
Kansas City, Missouri 66115

RE: Former Carter Carburetor Site
Grand and Dodier
St. Louis, Missouri

Dear Mr. Doherty:

Enclosed are copies of the laboratory data reports pertaining to sample collection and analysis at the above referenced site. This work was conducted in December, 1993.

The samples were collected on property held by the St. Louis Development Corporation (SLDC) in the area beneath the roof mounted electrical transformer, designated by your previous investigations as Substation #3. The samples collected were primarily fine debris and soils from the concrete floor located immediately adjacent to the brick wall under the transformer and east ward into the bay. This area is presently surrounding by orange construction fence.

The enclosed sampling sketch (no scale) shows the locations of most of the samples. In addition, the following information summarizes the sample collection:



S00072963
SUPERFUND RECORDS

<u>Sample No.</u>	<u>Sample Date</u>	<u>Sample Description</u>
STD-1	12/16/93	Composite of brick wall scrapings & fine debris on floor immediately adjacent to wall
ST-1	12/23/93	Grab sample of fine debris & soil
ST-2	12/23/93	Grab sample of fine debris & soil
ST-3	12/23/93	Grab sample of fine debris & soil
ST-4	12/23/93	Grab sample of fine debris & soil
ST-5	12/23/93	Grab sample of fine debris & soil
ST-6	12/23/93	Concrete core, 0-0.75', not analyzed
ST-7	12/23/93	Composite of fine debris & sediment on roof down slope from transformer
ST-8	12/23/93	Grab sample of fine debris & soil on floor, 15' east in bay beyond floor area now enclosed by construction fence
ST-9T	12/23/93	Oil sample, top layer, from 55-gal drum located in south warehouse bay; note that the drum was previously located in Sub-station #4 area (platform transformer)
ST-9B	12/23/93	Oil sample, bottom layer, from 55-gal drum located in s. warehouse bay; note that the drum was previously located in Sub-station #4 area (platform transformer)
ST-10	12/23/93	Composite sample of fine debris, soil, and stained asphalt under platform in Substation #4 area

April 3, 1995
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If you have any questions, please contact me at 314-436-0370.

Sincerely,

A handwritten signature in black ink, appearing to read "Tim Hippensteel", with a stylized flourish at the end.

Tim Hippensteel
Director of Remediation Services

TH:wjn

Enclosures

cc: Eugene P. Schmittgens, Jr., Esq.

ENVIRONMENTAL METRICS

2345 Millpark Drive
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(314) 427-0550

ENVIRONMENTAL OPERATIONS, INC.
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ATTN: DAN HAMMOCK

INVOICE # 24276
PROJECT # 4517

ANALYSIS REPORT

PCBs IN SOIL

SW-846 8080

<u>LAB NO.</u>	<u>SAMPLE NO.</u>	<u>IDENTIFICATION</u>	<u>TOTAL ppm</u>	<u>TYPE</u>
9312902		STD-1, 12/16/93	99,610	1260*

*ASKERAL

DECEMBER 22, 1993



WAYNE L. COOPER
LABORATORY DIRECTOR

ENVIRONMETRICS

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(314) 427-0550

ENVIRONMENTAL OPERATIONS, INC.
2649 PESTALOZZI STREET
ST. LOUIS, MO 63118

ATTN: DANIEL HAMMOCK

INVOICE # 24370
PROJECT # 4517


ANALYSIS REPORT

PCBs IN SOIL (ASKERAL)

SW-846 8080

<u>LAB NO.</u>	<u>SAMPLE NO.</u>	<u>IDENTIFICATION</u>	<u>TOTAL ppm</u>	<u>TYPE</u>
93121235		ST-1, 12/23/93	115,000	1260
93121236		ST-2, 12/23/93	6,410	1260
93121237		ST-3, 12/23/93	141,000	1260
93121238		ST-4, 12/23/93	177,000	1260
93121239		ST-5, 12/23/93	54,000	1260
93121240		ST-7, 12/23/93	144,000	1260
93121241		ST-8, 12/23/93	133,661	1260
93121243		ST-10, 12/23/93	401,000	1260

DECEMBER 30, 1993


WAYNE L. COOPER
LABORATORY DIRECTOR

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ATTN: DANIEL HAMMOCK

INVOICE # 24370
PROJECT # 4517

ANALYSIS REPORT

PCBs IN WATER
(LIQUID 2 PHASE WITH ASKERAL)

METHOD EPA 608

<u>LAB NO.</u>	<u>IDENTIFICATION</u>	<u>TOTAL ppm</u>	<u>TYPE</u>
93121242	ST-9, 12/23/93 (TOP LAYER)	8,750	1260

DECEMBER 30, 1993



WAYNE L. COOPER
LABORATORY DIRECTOR

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INVOICE # 24370
PROJECT # 4517

ANALYSIS RESULTS

PCBs IN OIL (ASKERAL)

METHOD ASTM 4059-91

<u>LAB NO.</u>	<u>SAMPLE NO.</u>	<u>IDENTIFICATION</u>	<u>TOTAL ppm</u>	<u>TYPE</u>
93121242		ST-9, 12/23/93 (BOTTOM LAYER)	708,000	1260

All Values are $\pm 10\%$

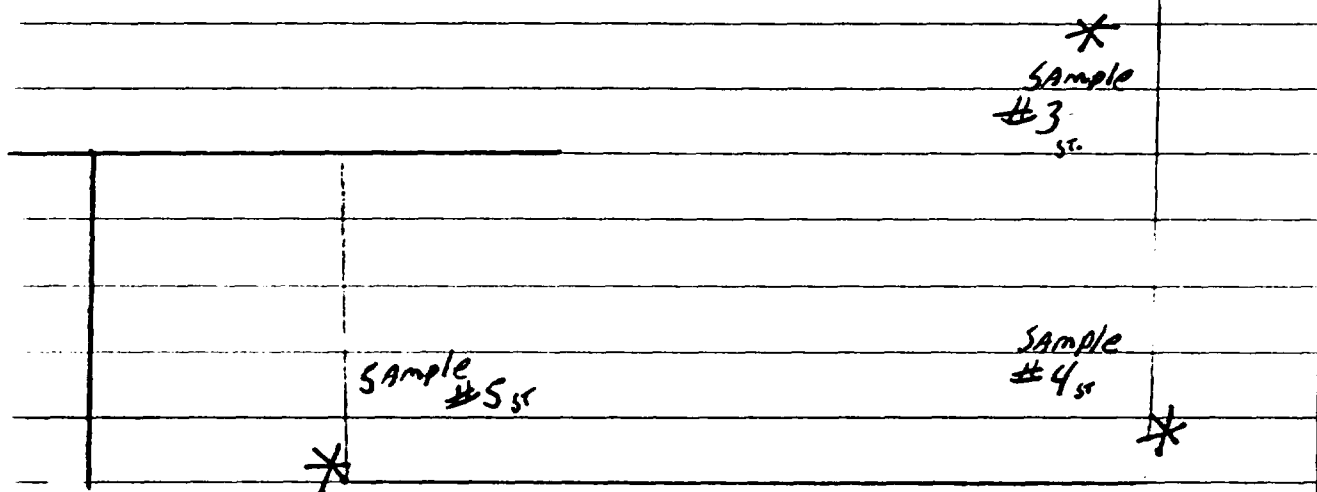
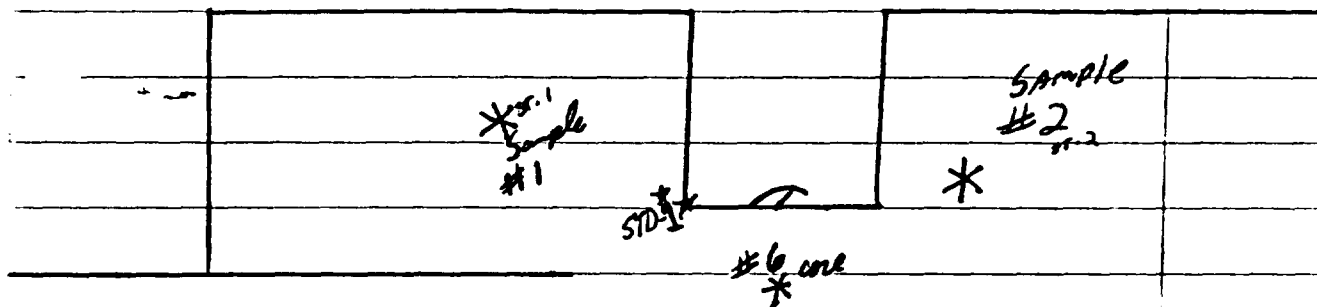
DECEMBER 30, 1993



WAYNE L. COOPER
LABORATORY DIRECTOR

* Rel area just test ran 1-8
 ST-9 sample of 2 drums
 ST-10 1st transformer area

ST-11-56 test to find just how far
 we need to go.



#11	#12	#13	#14	#15	#16
#17	#18	#19	#20	#21	
#22	#23	#24	#25	#26	#27
#28	#29	#30	#31	#32	#33
#34	#35	#36	#37	#38	#39
#40	#41	#42	#43	#44	#45
#46	#47	#48	#49	#50	#51
#52	#53	#54	#55	#56	#57

sample #8
 * outside perimeter

